

Title (en)  
TIGHTNESS-INDICATING TUBE FITTING

Title (de)  
ROHRVERSCHRAUBUNG MIT DICHTIGKEITSANZEIGE

Title (fr)  
RACCORD DE TUYAUTERIE INDIQUANT L'ÉTANCHÉITÉ

Publication  
**EP 2535631 A4 20160824 (EN)**

Application  
**EP 10845838 A 20100223**

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• KR 2010001102 W 20100223

Abstract (en)  
[origin: EP2535631A1] The present invention relates to a tube fitting which is designed to be easily checked by visual inspection as to whether the nut tightening reaches a reference value. The tube fitting comprises a tube inserted into a body, at least one ferrule disposed around the tube, and a nut tightened onto the body to deform the ferrule for providing a seal between the body and the tube. If the nut is tightened on the body to a reference value, a check ring is detached from the body by a pressing force of the nut such that the coupling state of the nut can be checked.

IPC 8 full level  
**F16L 19/10** (2006.01)

CPC (source: EP US)  
**F16L 19/103** (2013.01 - EP US); **F16L 2201/10** (2013.01 - EP US)

Citation (search report)  
• [XAY] US 4475748 A 19841009 - EKMAN KJELL R [CH]  
• [XYI] US 2002148128 A1 20021017 - WILLIAMS PETER C [US], et al  
• [Y] US 2001015556 A1 20010823 - JOHNSTON LONNIE E [US]  
• See references of WO 2011099667A1

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